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SOURCE Kuang-ming Jih-pao.

Dairen University was established by the Northeast authorities to meet the needs of the Northeast for trained personnel for the expanding industrial interests.

The university is located in the plant of the former South Manchuria Institute of Industrial Technology (Nan-man-kung-chuan) established by the Japanese and has expanded to include the former Kwantung School of Electrical Engineering, the Kwantung Medical College, and Kwantung Russian-Language School. The Chinese Ch'ang-ch'un Railroad Bureau later turned the Scientific Research Institute, formerly the South Manchuria Railway Central Laboratory, over to the University together with the Dairen Health Research Institute. In November 1949, the Health Research Institute had been placed under direct control of the Northeast Ministry of Health.

The university has also taken over the Kwantung Hospital as a chemistry institute for the medical school.

The preparatory committee of the university sent representatives to Peiping, Hong Kong and other places to secure faculty members.

Classes opened 1 March 1949. The first president of the university was Comrade Li I-mang (1) /numbers refer to appended characters/, assistant secretary of the Lu-Ta area CCP Committee and vice-chairman of the Lu-Ta Field Office. The present president is Lu Chen-yu (2). The university was formally opened on 15 April 1949. At present, there are seven units; School of Administration, School of Industry, School of Medicine, School of Russian Language, School of Scientific Research, School of Nursing, and the Kwantung Hospital.

The university now has approximately 1,400 students, including students at nursing.

There are 36 professors, 32 assistant professors, 49 lecturers, 15 instructors, and 109 assistant instructors, making a total of 241 faculty members. There is a total of 739 faculty, staff, and employees.

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The School of Industry maintains nine departments; Electrical Engineering, Telecommunications Engineering, Mechanical Engineering, Shipbuilding Engineering, Metallurgical Engineering, Construction Engineering, Chemical Engineering, Practical Mathematics, and Practical Physics.

The equipment of the School of Industry is largely that from the South Manchuria Institute of Industrial Technology plus some new equipment.

The Mechanical Engineering Department has in the Prime Movers Laboratory 5 kerosene engines, 4 diesel engines, one steam boiler and engine, 3 automobile engines, 4 aeroplane engines, one internal combustion locomotive, 4 air compressors, and about a score of other machines.

In the Materials Testing Laboratory there are two crushing strength testers, one 5-ton sclerometer, one impact tester, one 10-ton universal testing machine.

The Materials Research Laboratory has 85 pieces of equipment. On exhibit are 52 models of various kinds of machines.

The mechanical workshop has 10 power woodworking lathes and saws, one half-ton iron smelter, one electric welder, some 50 metal lathes, drill presses, saws, planers etc, one 5-ton hoist, and 32 electric motors.

In the two drafting rooms there are 400 sets of drafting instruments and blue-printing equipment.

The Chemical Engineering Department has six laboratories with a capacity of 150 students, 27 balances, 2 microscopes, 2 vacuum pumps, and some 6,000 other instruments (including glassware), and 526 types of chemicals.

The Electric Engineering Department has more than 100 motors, generators, transformers, meters, etc., one 300,000-volt high-tension machine.

The Telecommunications Department has 3,400 vacuum tubes of 278 types, 373 electric meters, and 35 other instruments.

The Construction Engineering Department has 281 various-type stress-testing machines for testing building materials, 32 measuring instruments of various types, and 135 types of construction patterns.

The Metallurgical Engineering Department has 1,430 specimens of minerals, rocks, and chemical rocks; assaying equipment; both buoyant and magnetic; 12 electric furnaces; 6 microscopes, etc.

The Practical Physics Department has one new laboratory (capacity 100 students), one under construction (capacity 75 students), and 489 pieces of laboratory equipment.

The School of Medicine has a variety of laboratories and clinical procedure departments. These are being added to and improved. It has sufficient equipment for research in pathology, biology, physiology, and anatomy. It has eight dissecting tables and 40 cadavers. A new biological instruction theater is under construction.

At present, the School of Industry has 4-year courses, the School of Medicine 5-year courses, and the School of Russian language a 2-year course.

The university operates on a basis of three terms of about 15 weeks each, with 13 weeks of instruction in each term, exclusive of examinations and holidays. There is a winter and spring vacation of one week each and summer recess of 6 weeks. Beginning next year, the university will adopt the semester

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plan in harmony with the rest of the Northeast and will follow the nation as a whole when a plan has finally been adopted.

The university has 35,162 volumes of books and magazines in its library; 15,687 volumes are on engineering, principally in Japanese, with English second. There are 6,056 volumes on medicine, two thirds of them in Japanese. There are 9,888 volumes on sociological subjects. Recently, 509 volumes in Russian have been purchased. Most of the original books in the library were published between 1907 and 1941.

Students spend the last year of the courses (except for Russian) in shops or clinical practice. Summer vacations are also spent in shops or hospitals. Chinese is the language of instruction in all courses. Russian is the required foreign language and students are given a basic reading knowledge of it.

The system of teaching is intended to develop the faculty for independent study in the student.

CHARACTERS

1.李 - 斌

2.吕 振羽

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